

LITHIUM SECONDARY BATTERY, MODULE USING LITHIUM SECONDARY BATTERY AND DEVICE USING THESE**Publication number:** JP2002280076**Publication date:** 2002-09-27**Inventor:** YAMAKI TAKAHIRO; KASAI MASAHIRO; TAKEUCHI SEIJI**Applicant:** HITACHI LTD**Classification:**

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PROBLEM TO BE SOLVED: To provide a lithium secondary battery requiring one discharge potential region even when using a positive electrode active material having a plurality of discharge potentials, and a module using the same. **SOLUTION:** The lithium secondary battery comprises a positive electrode and a negative electrode, wherein the sum of the irreversible capacity of the positive electrode in an operating potential range and the irreversible capacity in a discharge region on a low potential side excluding a highest-potential discharge region of the plurality of discharge regions is smaller than the irreversible capacity of the negative electrode.

